

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
 Data File : BG046819.D
 Acq On : 8 Oct 2020 17:28
 Operator : CG/JU
 Sample : L4293-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-7-MW-3

Quant Time: Oct 08 18:22:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

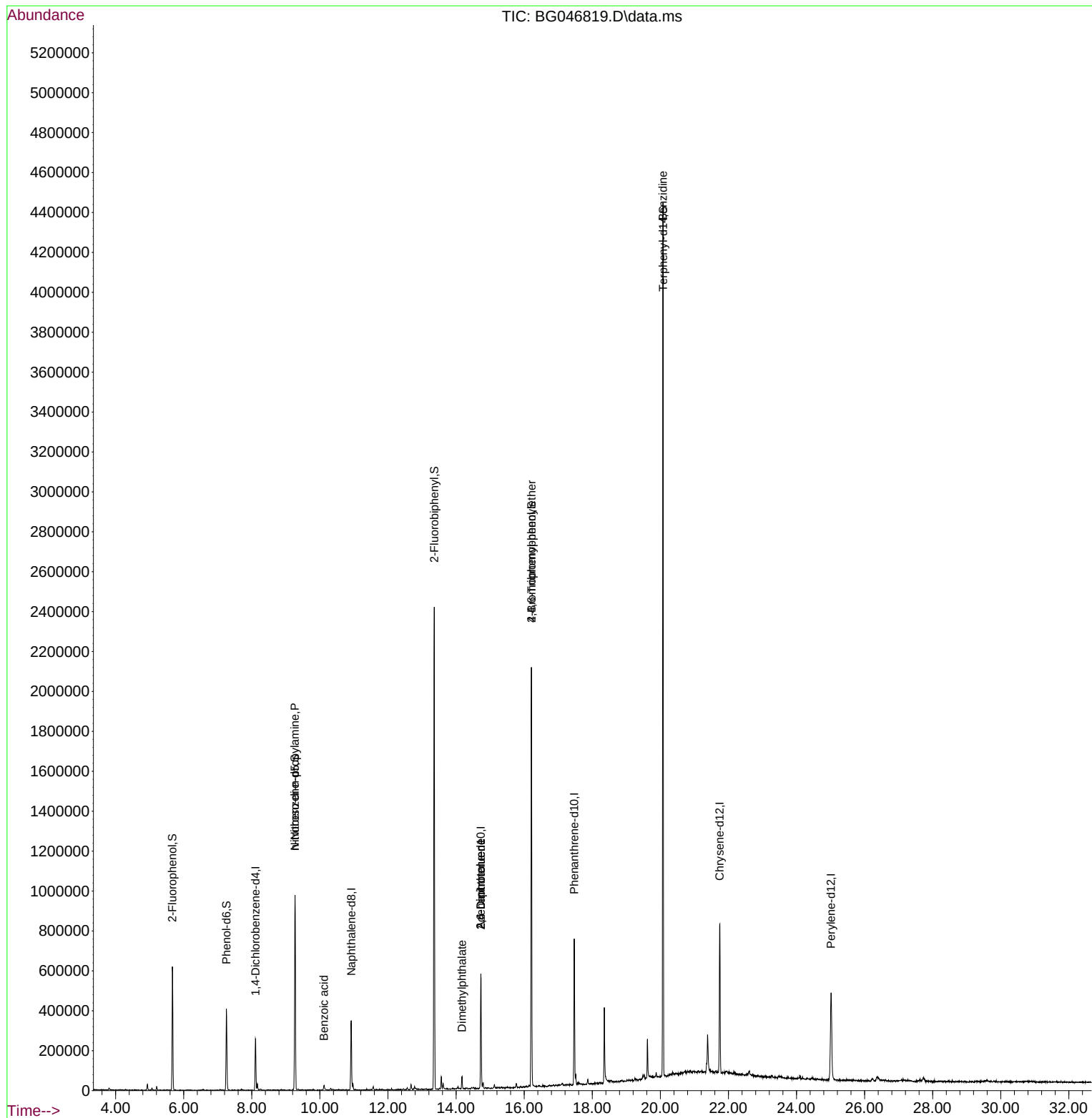
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	72914	20.00	ng	0.00
21) Naphthalene-d8	10.920	136	284352	20.00	ng	# 0.00
39) Acenaphthene-d10	14.728	164	199921	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	456393	20.00	ng	# 0.00
76) Chrysene-d12	21.743	240	473302	20.00	ng	#-0.01
86) Perylene-d12	25.016	264	501537	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	257561	56.59	ng	0.00
7) Phenol-d6	7.254	99	221213	34.46	ng	0.00
23) Nitrobenzene-d5	9.269	82	573438	107.29	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	395822	150.15	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	1251328	88.61	ng	0.00
79) Terphenyl-d14	20.080	244	1880740	79.64	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.242	77	438	Below Cal	#	14
19) n-Nitroso-di-n-propyla...	9.269	70	83672	19.01	ng	# 78
32) Benzoic acid	10.121	122	9381	9.11	ng	# 76
50) Dimethylphthalate	14.175	163	41422	2.59	ng	97
51) 2,6-Dinitrotoluene	14.728	165	26382	10.17	ng	# 33
57) 2,4-Dinitrotoluene	14.728	165	26382	7.68	ng	# 31
67) 4-Bromophenyl-phenylether	16.214	248	26716	4.63	ng	# 1
77) Benzidine	20.074	184	34425	2.36	ng	99

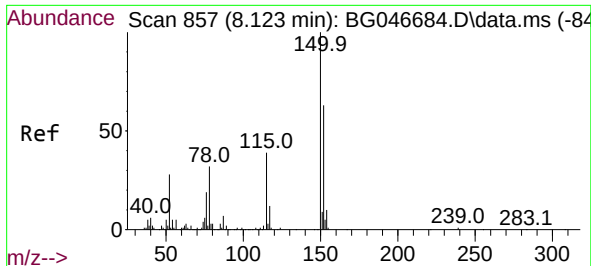
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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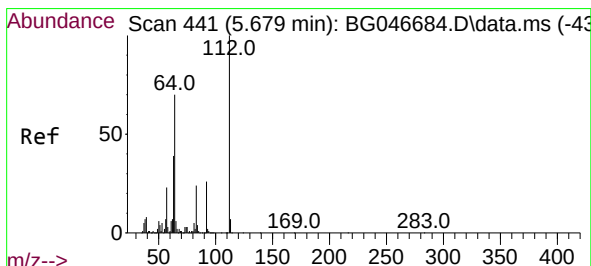
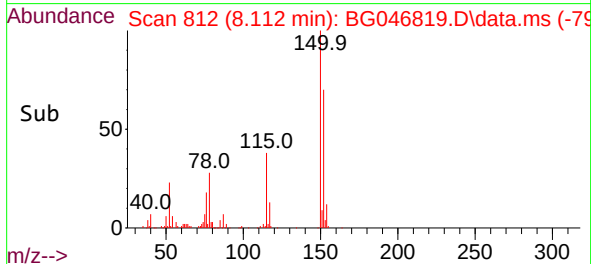
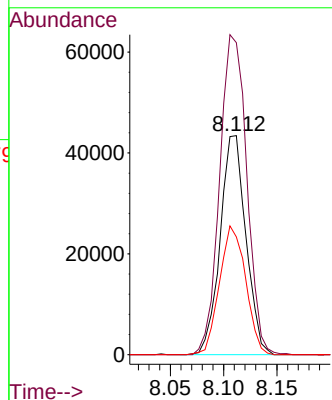
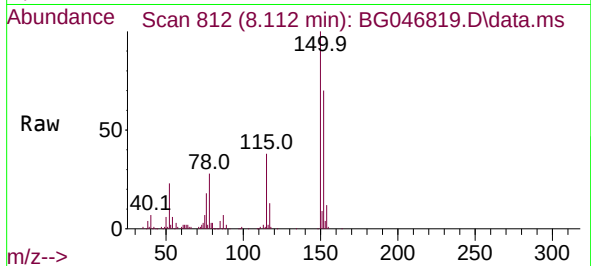




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.112 min Scan# 812
Delta R.T. 0.004 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

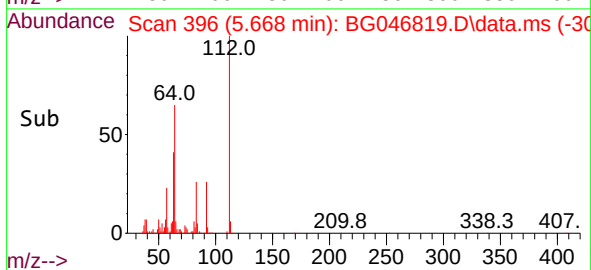
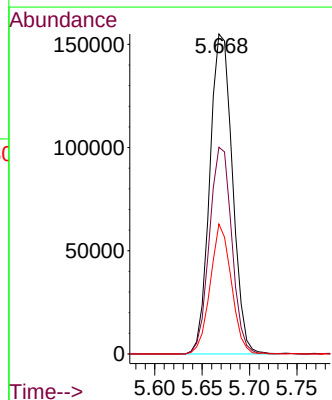
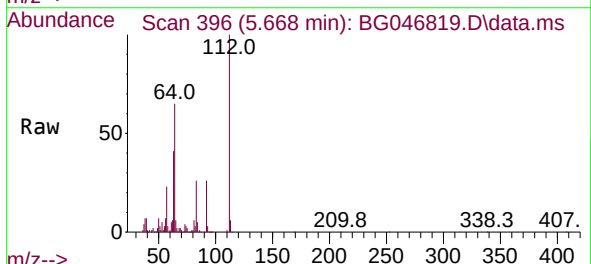
Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

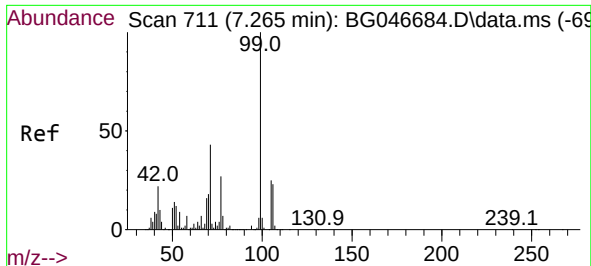
Tgt Ion:152 Resp: 72914
Ion Ratio Lower Upper
152 100
150 142.5 125.0 187.6
115 53.8 41.8 62.6



#5
2-Fluorophenol
Concen: 56.59 ng
RT: 5.668 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion:112 Resp: 257561
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 40.6 22.8 34.2#

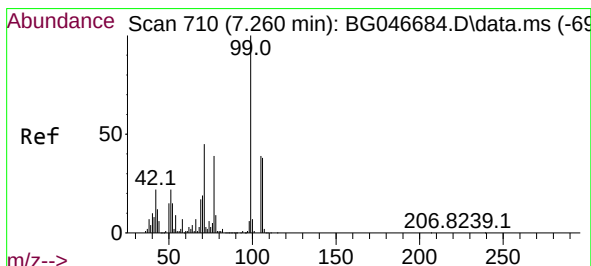
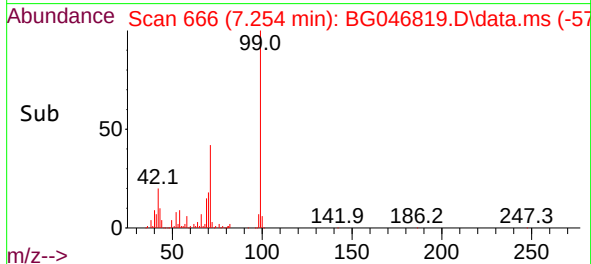
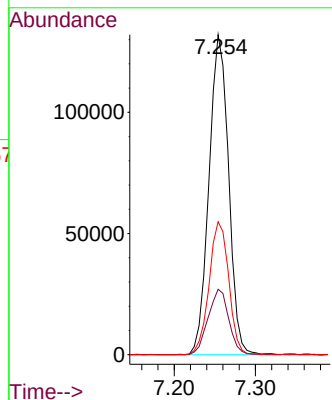
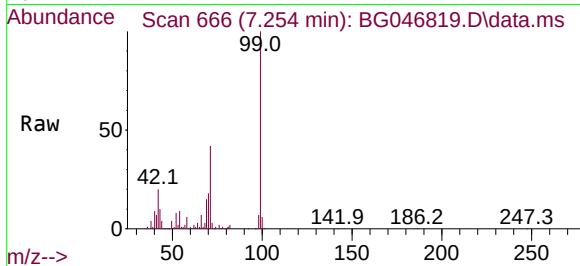




#7
Phenol-d6
Concen: 34.46 ng
RT: 7.254 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

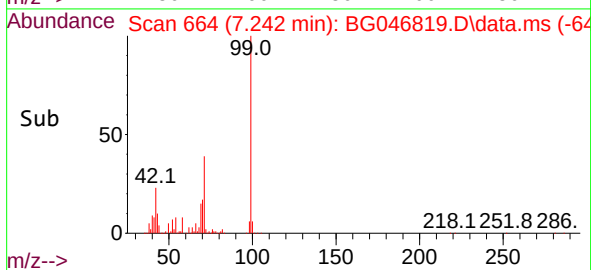
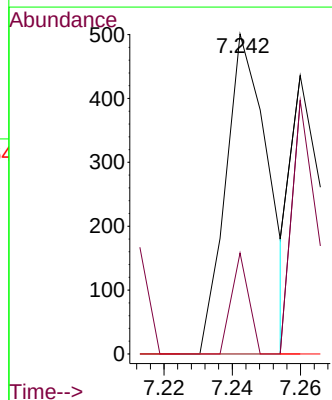
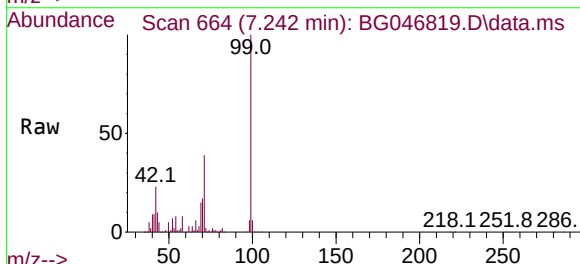
Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

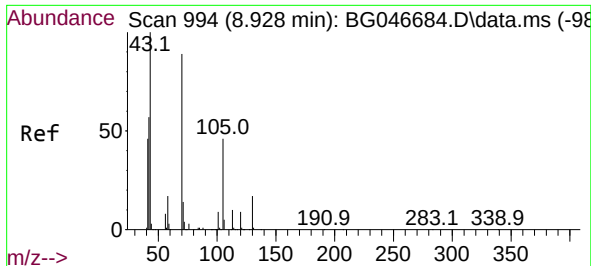
Tgt Ion: 99 Resp: 221213
Ion Ratio Lower Upper
99 100
42 20.4 12.8 19.2#
71 41.5 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.242 min Scan# 664
Delta R.T. -0.002 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion: 77 Resp: 438
Ion Ratio Lower Upper
77 100
105 31.5 85.9 125.9#
106 0.0 80.9 120.9#

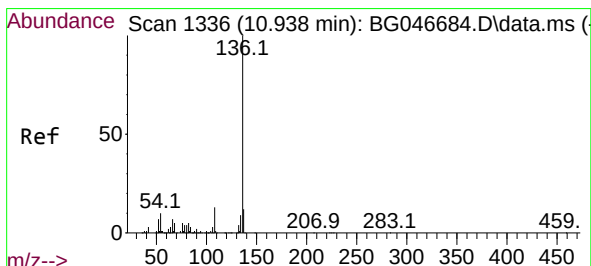
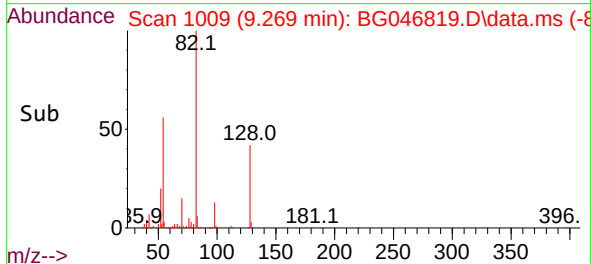
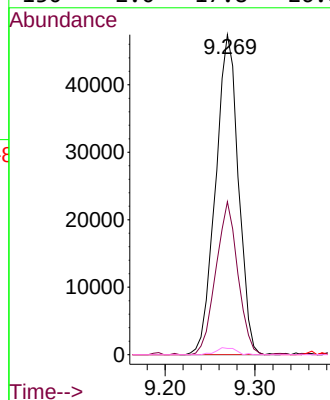
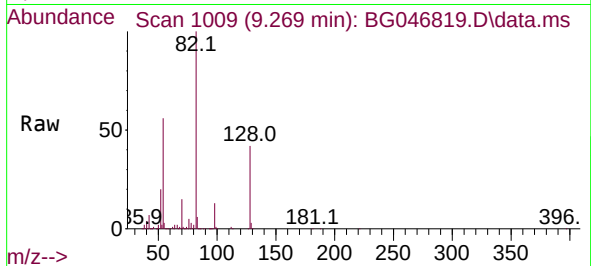




#19
n-Nitroso-di-n-propylamine
Concen: 19.01 ng
RT: 9.269 min Scan# 1009
Delta R.T. 0.357 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

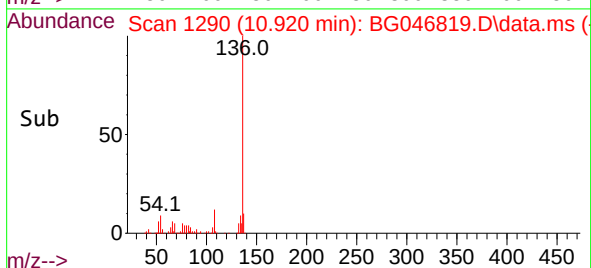
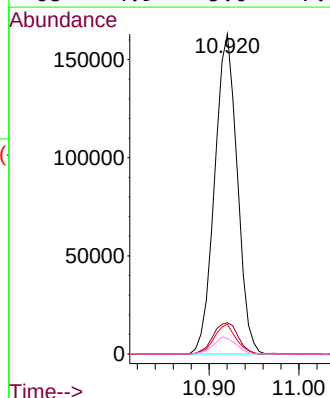
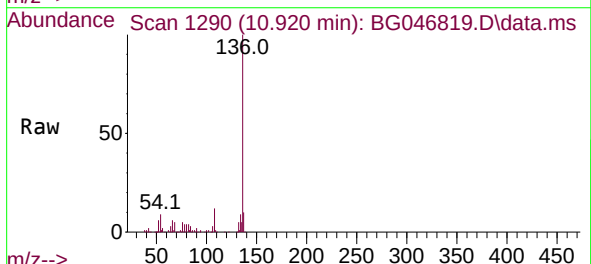
Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

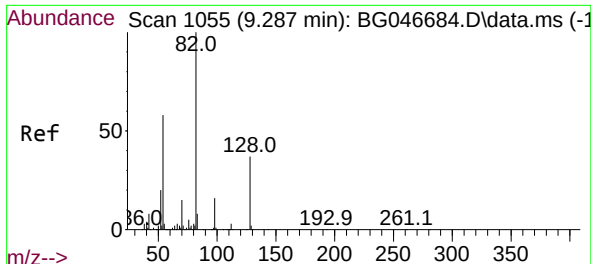
Tgt Ion:	70	Resp:	83672
Ion	Ratio	Lower	Upper
70	100		
42	47.8	45.6	68.4
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion:	136	Resp:	284352
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.1	13.7
54	9.3	6.2	9.4
68	4.9	5.0	7.4#

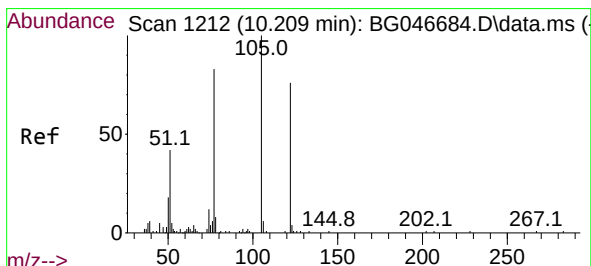
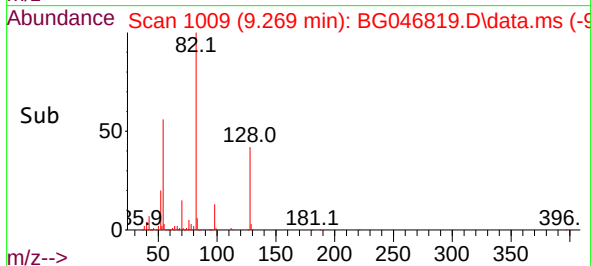
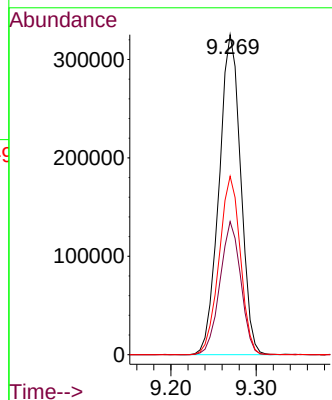
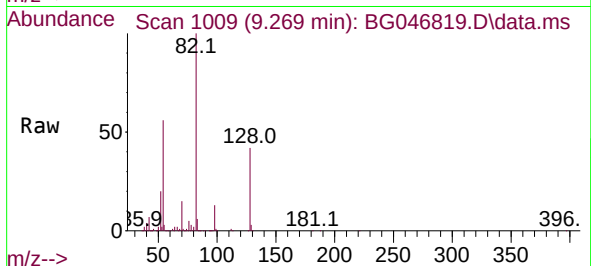




#23
Nitrobenzene-d5
Concen: 107.29 ng
RT: 9.269 min Scan# 1009
Delta R.T. -0.002 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

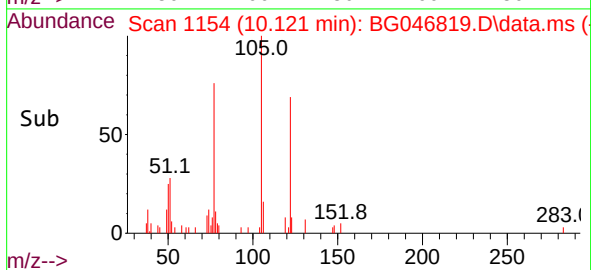
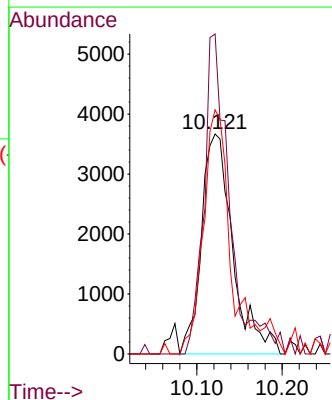
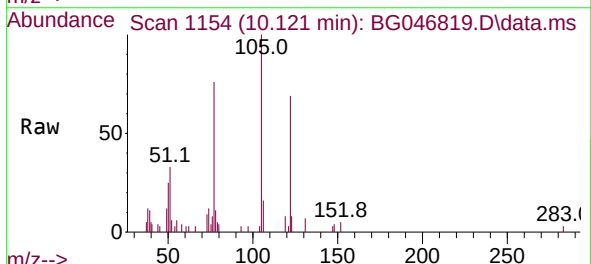
Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

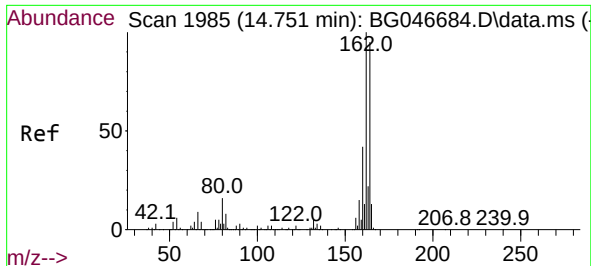
Tgt Ion: 82 Resp: 573438
Ion Ratio Lower Upper
82 100
128 41.6 37.0 55.6
54 55.8 39.0 58.4



#32
Benzoic acid
Concen: 9.11 ng
RT: 10.121 min Scan# 1154
Delta R.T. -0.072 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion:122 Resp: 9381
Ion Ratio Lower Upper
122 100
105 145.5 103.7 143.7#
77 111.0 63.0 103.0#

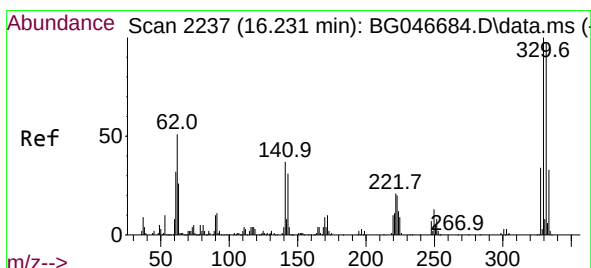
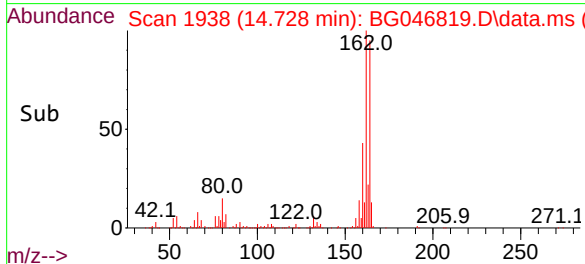
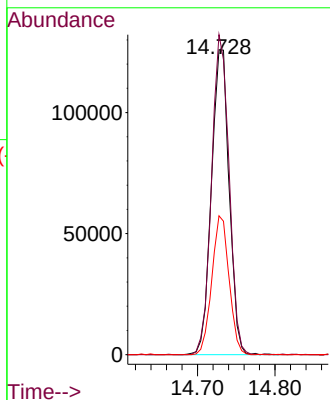
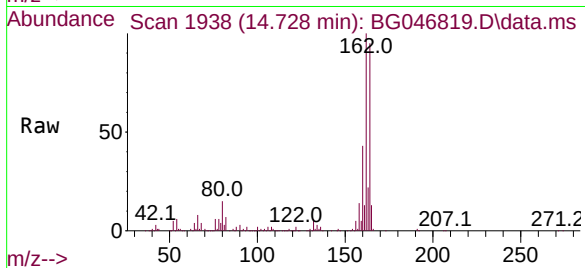




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

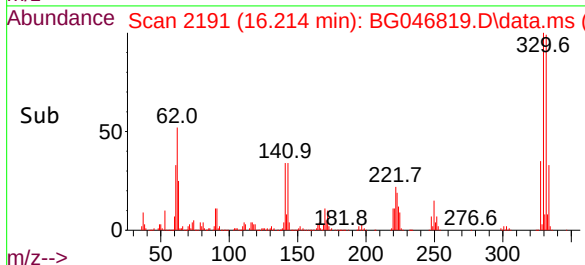
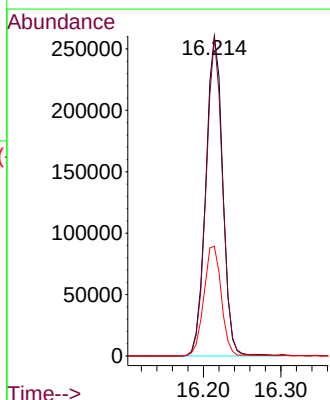
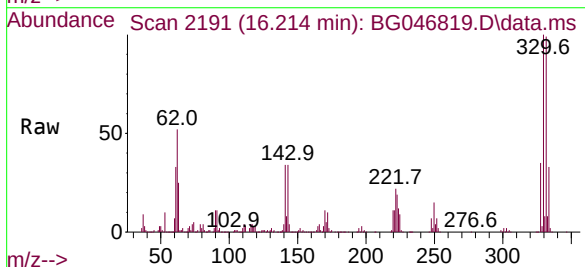
Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

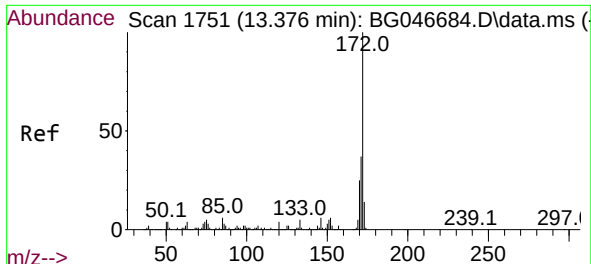
Tgt Ion:164 Resp: 199921
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 45.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 150.15 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion:330 Resp: 395822
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 35.3 26.0 39.0



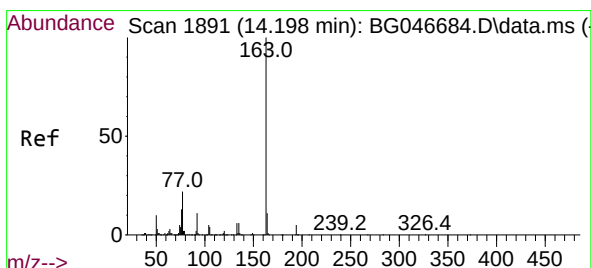
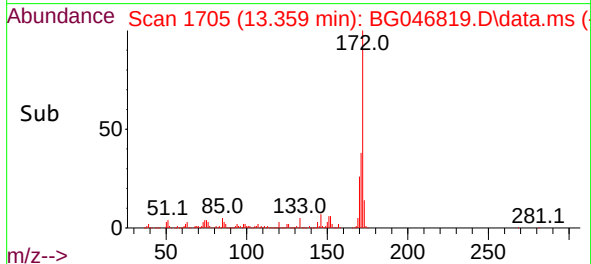
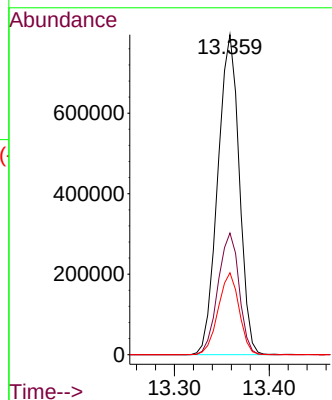
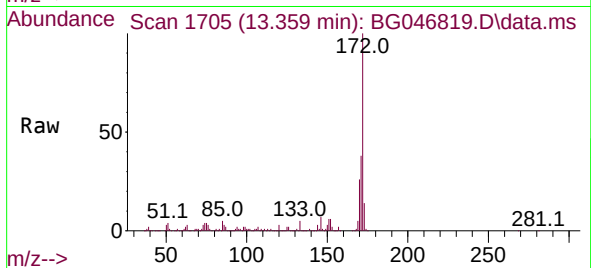


#45
2-Fluorobiphenyl
Concen: 88.61 ng
RT: 13.359 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

Tgt Ion:172 Resp: 1251328

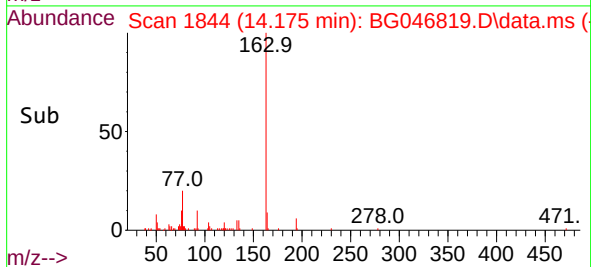
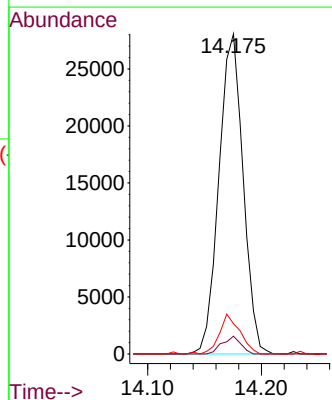
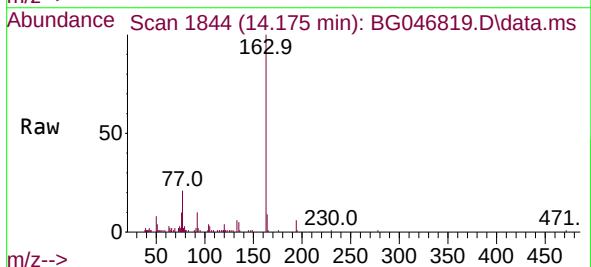
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.6	20.8	31.2

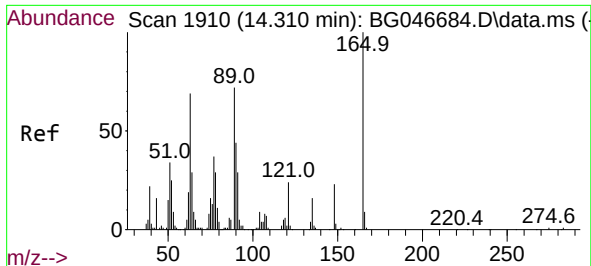


#50
Dimethylphthalate
Concen: 2.59 ng
RT: 14.175 min Scan# 1844
Delta R.T. -0.008 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion:163 Resp: 41422

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.8
164	9.5	8.8	13.2

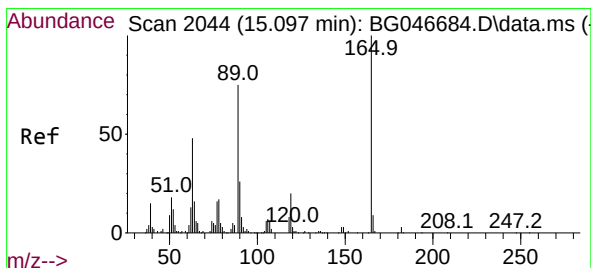
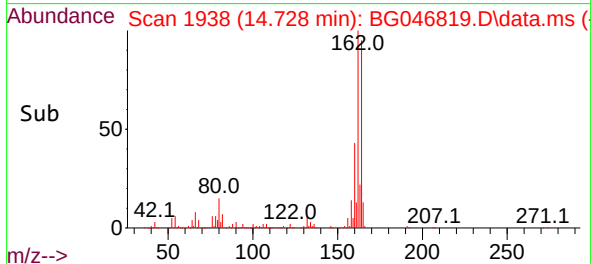
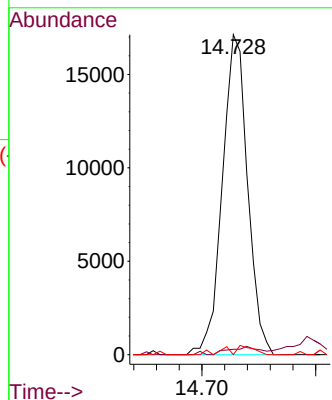
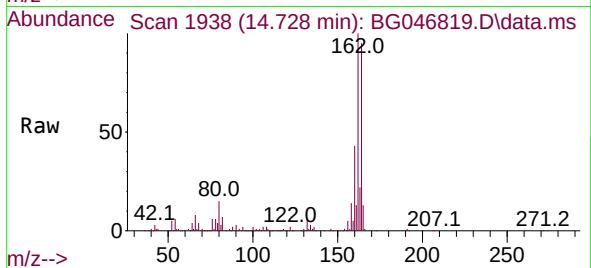




#51
2,6-Dinitrotoluene
Concen: 10.17 ng
RT: 14.728 min Scan# 1938
Delta R.T. 0.427 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

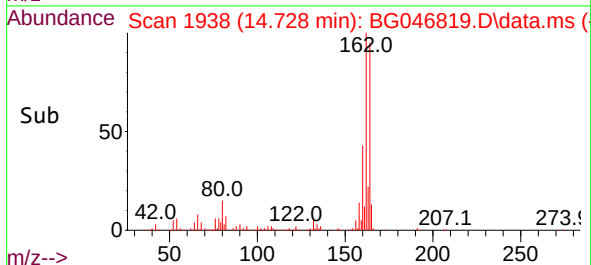
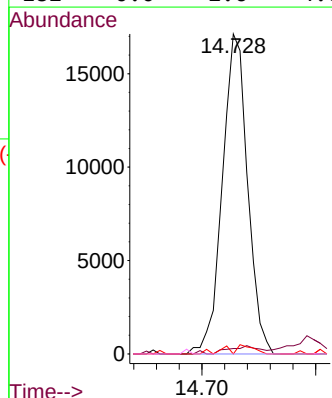
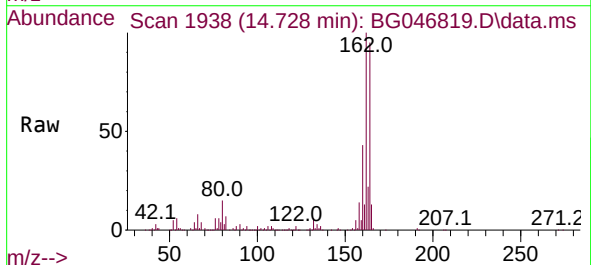
Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

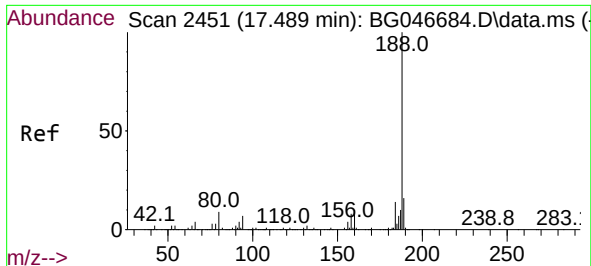
Tgt Ion:165 Resp: 26382
Ion Ratio Lower Upper
165 100
63 1.7 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.68 ng
RT: 14.728 min Scan# 1938
Delta R.T. -0.354 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion:165 Resp: 26382
Ion Ratio Lower Upper
165 100
63 1.7 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

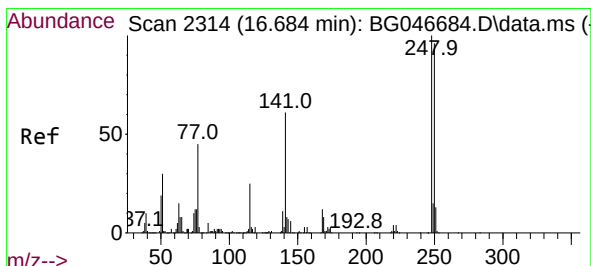
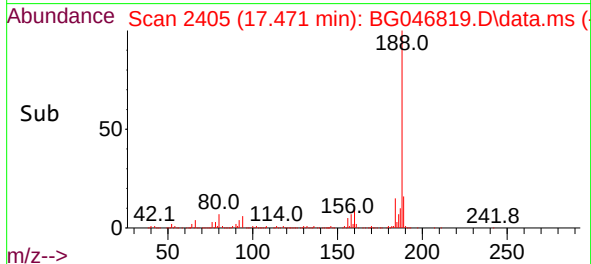
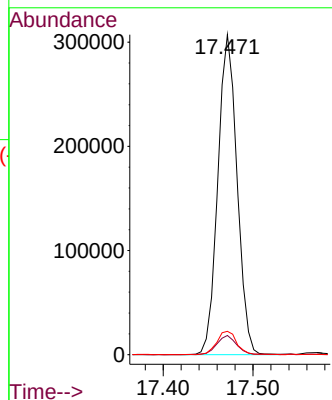
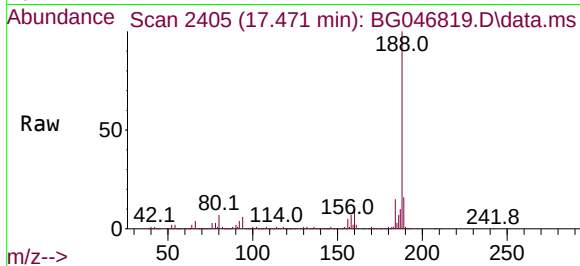




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

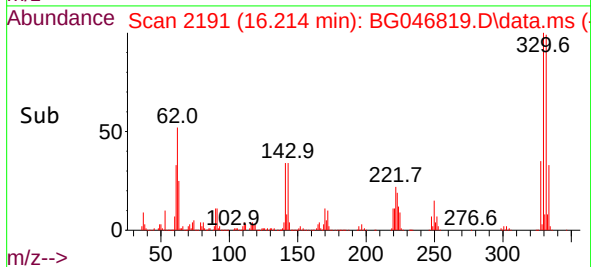
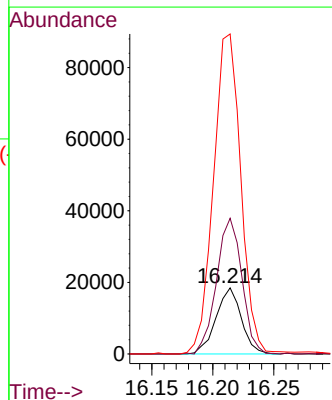
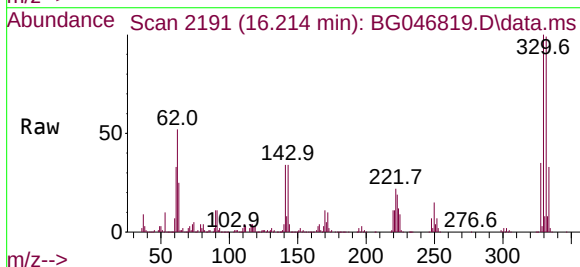
Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

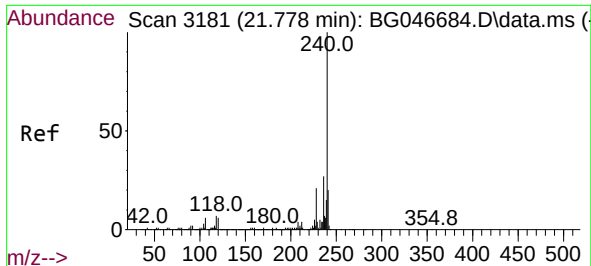
Tgt Ion:188 Resp: 456393
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.3 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.448 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion:248 Resp: 26716
Ion Ratio Lower Upper
248 100
250 196.0 78.9 118.3#
141 358.9 46.2 69.4#

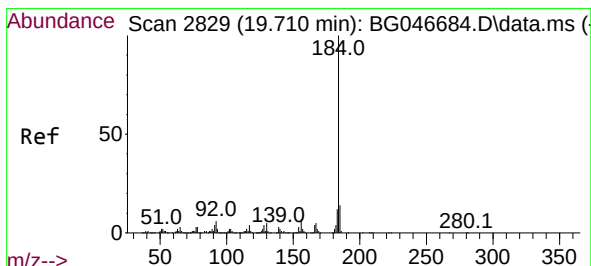
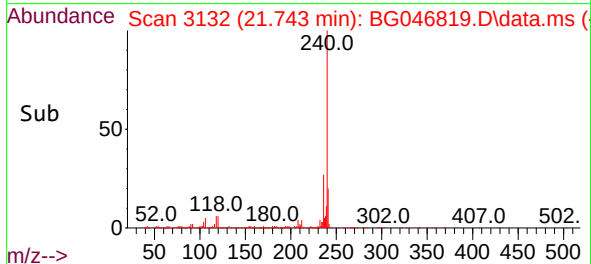
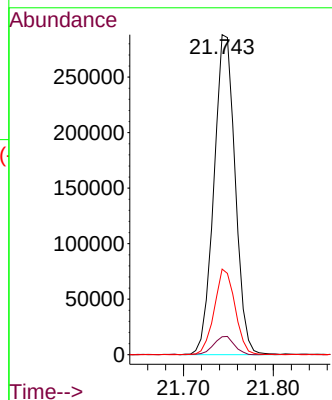
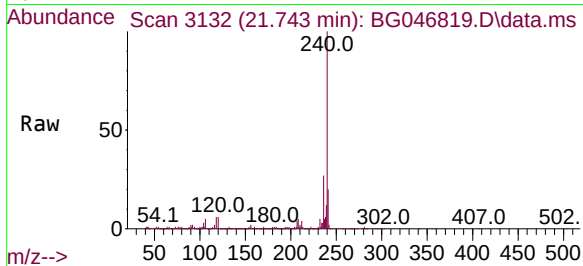




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.743 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

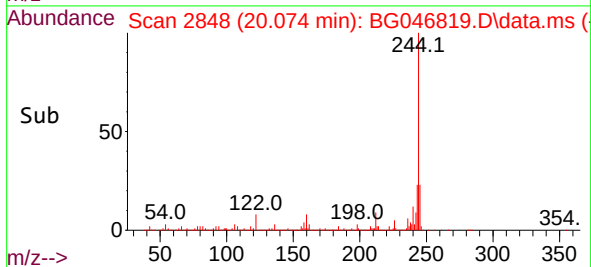
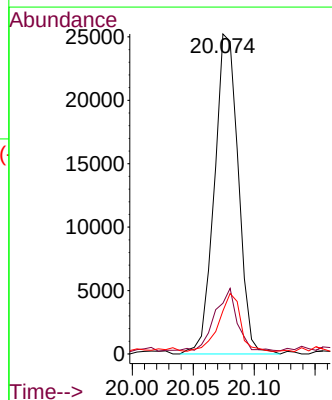
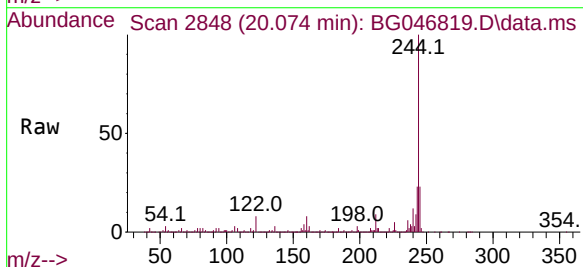
Instrument :
BNA_G
ClientSampleId :
B-7-MW-3

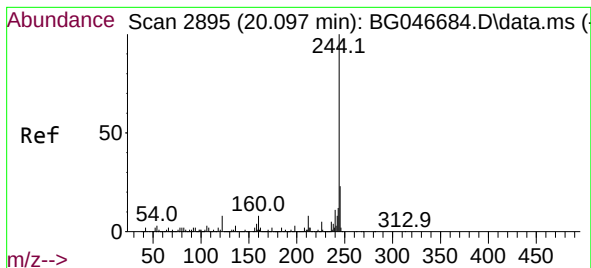
Tgt Ion:240 Resp: 473302
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 26.8 20.5 30.7



#77
Benzidine
Concen: 2.36 ng
RT: 20.074 min Scan# 2848
Delta R.T. 0.374 min
Lab File: BG046819.D
Acq: 8 Oct 2020 17:28

Tgt Ion:184 Resp: 34425
Ion Ratio Lower Upper
184 100
185 15.8 12.4 18.6
183 13.4 10.6 15.8

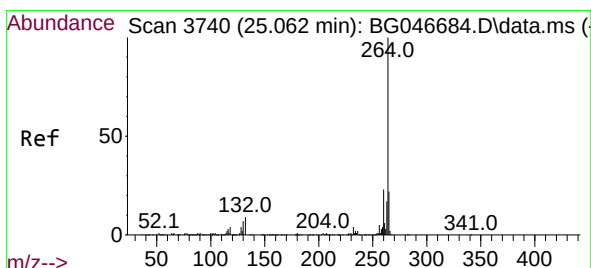
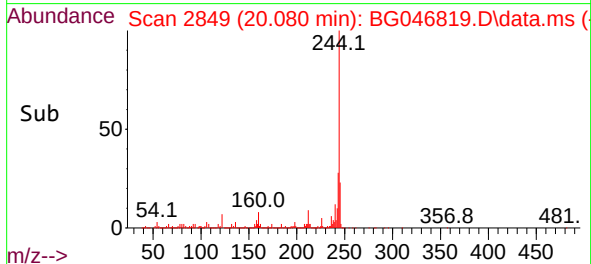
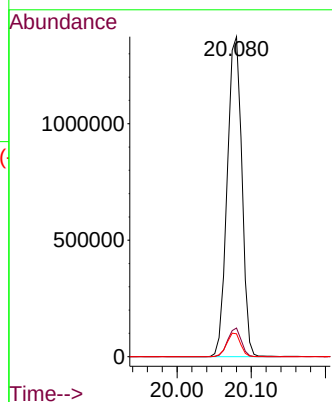
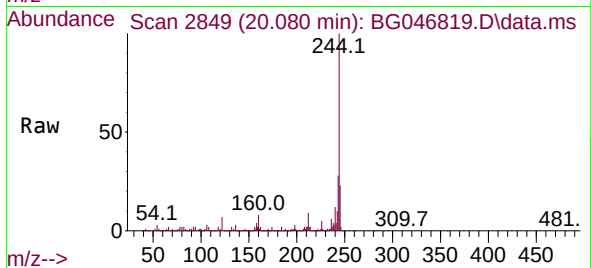




#79
 Terphenyl-d14
 Concen: 79.64 ng
 RT: 20.080 min Scan# 2849
 Delta R.T. -0.002 min
 Lab File: BG046819.D
 Acq: 8 Oct 2020 17:28

Instrument :
 BNA_G
 ClientSampleId :
 B-7-MW-3

Tgt Ion:244 Resp: 1880740
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.7 10.1
 122 7.2 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.016 min Scan# 3689
 Delta R.T. -0.014 min
 Lab File: BG046819.D
 Acq: 8 Oct 2020 17:28

Tgt Ion:264 Resp: 501537
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.8 28.2
 265 22.8 17.8 26.8

